

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph starting on page 12, line 12 with the following replacement paragraph with markings showing all the changes relative to the previous version of the paragraph:

Additionally, when CONTROL signal is equal to five Volts dc  
(VCONTROL = 5 V), the potential between OUT terminal 162 and I(-)  
terminal 170 of the impedance circuit 140 is equal to the current through  
the current transformer ~~[[37]]~~ 36 times the equivalent resistance ( $V_{OUT} =$   
 $I_{secondary} * R_{sense} \parallel R_3 + R_{Don} = I_{secondary} * R_{sense} * (R_3 + R_{Don}) / (R_{sense} + R_3 +$   
 $R_{Don})$ )).